Department of Information Technology
Indian Institute of Information Technology Allahabad
(An institute of National Importance by Act of Parliament)
Deoghat, Jhalwa, Prayagraj (UP) - 211 015, India

Advt. No. IIITA/EC/HM/PRJ-ISRO/2023/01   **Dated - 28/07/2023**

Advertisement for the Post of Junior Research Fellow (JRF) (On Contract)

Applications are invited for the post of **Junior Research Fellow (JRF)** (on contract) in a research project titled **"Automated Lunar Crater Detection Using Payloads from Chandrayaan-2 Mission"** in reference to the sanction order no. **DS_2B-13013(2)/32/2022-Sec.2** dated 09 January, 2023, by **Indian Space Research Organisation (ISRO), Bengaluru-560094**. The candidates interested in applying must **email** a completed application in the prescribed format along with copies of supporting documents as a single pdf attachment to hmaurya@iiita.ac.in with subject line **"Advt. No. IIITA/EC/HM/PRJ-ISRO/2023/01"** on or before **15th August, 2023**. The shortlisted candidates' names will be posted on the institute's website or communicated individually by email.

Title of the Project: "Automated Lunar Crater Detection Using Payloads from Chandrayaan-2 Mission"

Name of Position: Junior Research Fellow (JRF)

Number of Positions: 01 (one)

Project Duration: Maximum three (03) years or date of completion of the project

Essential Qualifications:

   (i) M.E/M.Tech/M.Sc./MS/B.E/B.Tech in (ECE/CSE/IT/EI/EE/all relevant disciplines) and **MUST** have secured at least 65% cumulatively or equivalent CGPI in the qualifying degree. A 5% relaxation shall be applicable for SC/ST/PWD Candidates.

   (ii) Candidates **MUST** have GATE Score/UGC/CSIR NET or JRF certificate.

Desirable Skills: The applicant may be preferred if she/he has the knowledge of microwave remote sensing, image processing, machine learning, and good programming skills in Python/MATLAB.

Fellowship: 31,000/- PM (Fixed) for two years and 35,000/- PM (Fixed) for the third year.

HRA: As per ISRO norms (If applicable).

Note: Candidate selected for this position may also apply for the regular Ph.D. program in the Department of Electronics and Communication Engineering, provided he/she satisfies the eligibility criterion followed by the selection process laid down by the institute (IIITA).

PI: **Dr. Himanshu Maurya**
Designation: Assistant Professor
IIIT Allahabad

Note(s)

1. The candidate should be able to travel across various Institutes/Research Centers for the project related work whenever needed.
2. The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted.
3. The institute reserves the right to accept/reject the application at any time, and/or consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed at any point of time for exceptional candidates.
4. Mere, possessing the prescribed qualification does not ensure that the candidate will be called for an Interview. The candidates will be shortlisted on the basis of merit and need of the project.
5. Shortlisted candidates will be informed by e-mail about the interview date.
6. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV, original and attested photocopies of mark sheets/certificates in support of their academic qualifications.
7. Applicants in employment (private, government or any other organization) are required to submit a "**No Objection Certificate**" from the employer at the time of interview.
8. No TA/DA will be paid for appearing in the interview.
9. The first and foremost responsibility of the candidate is to fulfill the jobs' requirements to complete the above mentioned project in timely manner.
10. The association between PI and the candidate can be discontinued at any time by giving one month's notice in writing either by the PI of the project to the candidate, or by candidate to the PI of the project.
11. Candidate selected for this position may also apply for the regular Ph.D. program in the Department of Information Technology, provided he/she satisfies the eligibility criterion followed by the selection process laid down by the institute (IIITA).
12. Hostel accommodation may be provided as per institute norms

Name of Principal Investigator: Dr. Himanshu Maurya
Designation: Assistant Professor
Department of Electronics and Communication Engineering,
Indian Institute of Information Technology Allahabad

Advt. No. IIITA/EC/HM/PRJ-ISRO/2023/01   **Date:**

For office use only

Application No……..…………….

APPLICATION FORM

Research Project Entitled- "Automated Lunar Crater Detection Using Payloads from Chandrayaan-2 Mission"

File No.:   DS_2B-13013(2)/32/2022-Sec.2
Funding Agency: Indian Space Research Organisation (ISRO), Bengaluru-560094
Name of P.I.:   Dr. Himanshu Maurya
Name of position: Junior Research Fellow (on contract)
Department/Section: Department of Electronics & Communication Engineering

1. Name of the Candidate (In Capital):

2. Gender (Male/Female):

3. Marital Status (Married/Unmarried):

4. Date of Birth (*Attach proof*):

5. Age (as on last date of application):_____Years_____Months_____Days

6. Father's/Husband's Name:

7. Present/Contact Address:

8. Permanent Address:

9. Mobile No:

10. E-mail:

11. Nationality:

12. Category Gen/EWS/SC/ST/OBC/PH (*Attach proof if applicable*):

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13. GATE/NET (*Attach proof*):

Branch	Year	Valid up to	Percentile (& Score)	All India Rank

14. Educational Qualification (*Attach proof*):

Qualification	Subject/Discipline	Board/Institute/Univ.	Year of passing	% of marks	Division
10th					
12th					
Diploma, if any					
B.E./B.Tech/M.Sc./MCA					
M.E./M.Tech					

15. Summary of M.E/M.Tech Thesis (Maximum 150 words): Enclose a separate sheet
16. Research Publications (Maximum Best 5): Enclose a separate sheet
17. Details of Experience in chronological order. Enclose a separate sheet
18. Any other information: Enclose a separate sheet
19. Indicate whether you propose to register for higher degree at IIITA, Allahabad: Yes/No
     (Name of higher degree is Ph.D.)

DECLARATION

I hereby declare that all the statements made in this application are true and complete, and nothing has been concealed/distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place: Signature of the Applicant
Date:

Checklist-
1. Self-attested copy of documents
2. Proof of Date of Birth
3. Mark sheets & certificates of all the examinations passed
4. Category Certificate, if applicable
5. GATE/NET score card, if applicable
6. Experience certificate, if any